



# Weekly Construction Report

## Hatchery Creek Design/Build Project



<b>Week:</b>	September 8 – 13, 2014	<b>Project No:</b>	1305
<b>Rain Days/Weather Conditions:</b>	Rained ~0.5" on Thursday afternoon (Monticello gauge).		
<b>Personnel on-site:</b>	<i>EcoGro/Ridgewater:</i> John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, John Linder, Chad Relinski, Brad Redmon, Russ Turpin. <i>Stantec:</i> Oakes Routt (Thursday & Friday) for survey stakeout.		
<b>Equipment on-site:</b>	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
<b>Material deliveries to project site:</b>	<ul style="list-style-type: none"> <li>(15) four-foot diameter boulders for step pools.</li> </ul>		
<b>Work performed this week:</b>	<ul style="list-style-type: none"> <li>Screened rock (6"+) from Corps disposal area for 2 days.</li> <li>Excavated and built 210' of main channel and finished adjacent floodplain berm:               <ul style="list-style-type: none"> <li>Sta. 146+80 to 148+90.</li> </ul> </li> <li>Cleared trees for, excavated, and built 340' of braided channel:               <ul style="list-style-type: none"> <li>Sta. 138+00 to 141+40 (with three separate channels for a total of over 900' of channel).</li> </ul> </li> <li>Finished installing the groundwater cutoff trench/wall (up to 15' below existing grade) with plastic liner and clay in sandy soil area from LT St. 143+50 to 144+00 to reduce loss of Hatchery Creek stream flow. The clay was excavated from the braided channel excavation near Sta. 138+00 and had the highest clay content we have found to date from the excavation.</li> <li>Removed (cut) invasive species (mostly autumn olive) within PPC from ~Sta. 106+00 to 111+00, ~LT Sta. 118+40 to 130+00, and along north side of ravine upstream of the bridge.</li> <li>Installed riffles in existing stream to raise water table in Wetlands F (~RT Sta. 143+00)</li> <li>Survey staked out:               <ul style="list-style-type: none"> <li>New grading limits for Corps Excavation Site 3 (Sta. 153+50 to 160+50).</li> <li>Stream centerline and offsets Sta. 143+50 to 146+50.</li> <li>Campground Road culvert centerline and offsets (Sta. 117+26 to 118+42).</li> </ul> </li> <li>Cleared trees in excavation areas:               <ul style="list-style-type: none"> <li>~Sta. 153+50 to 158+00 (additional clearing due to new step pool reach alignment).</li> <li>Right braid from ~ Sta. 132+00 to 138+00.</li> <li>Left braid from ~ Sta. 134+00 to 136+000.</li> </ul> </li> </ul>		
<b>Erosion &amp; sediment controls installed:</b>	<ul style="list-style-type: none"> <li>❖ Installed temporary seed and straw on finished floodplain berm and channel banks from 146+80 to 148+90.</li> </ul>		
<b>Work scheduled for next week:</b>	<ul style="list-style-type: none"> <li>⚡ Continue constructing braided "D" channel from 132+00 to 138+00.</li> <li>⚡ Continue delivering boulders for step pools.</li> </ul>		



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<b>Work planned for two weeks ahead:</b>	<ul style="list-style-type: none"> <li>Construct channel from 127+00 to 132+00.</li> <li>Continue invasives removal (cutting).</li> <li>Continue delivering boulders for step pools.</li> <li>Install temporary diversion channel from Public Fishing Area to ravine below work area after Wolf Creek National Fish Hatchery Fishing Derbies are complete on September 24th. This will require limiting access to the trail along the ravine.</li> </ul>
<b>General Comments:</b>	<ul style="list-style-type: none"> <li>Access to the Public Fishing Area and the ravine within the work area (within 500' of the bridge) will be restricted starting September 25<sup>th</sup> to protect the public during construction in those areas.</li> </ul>
<b>Prepared by:</b> Eric Dawalt, P.E.	<b>Date:</b> 9-13-14

**Pictures from this week's construction:**



***Delivery of 4' boulders for step pools.***



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***Excavated channel (looking upstream from ~Sta. 148+50) from last week.***



***Same approximate location as above this week showing finished channel and floodplain berm (on right side of picture).***





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***Excavating one of the braided channels through existing forest (looking downstream at ~Sta.140+00).***



***Ribbon of soil showing high clay content in soil excavated from braided channels.***



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***Looking upstream in Wetlands F area with raised water table after installation of riffle in Tributary 9 to raise stream grade (not in main channel).***